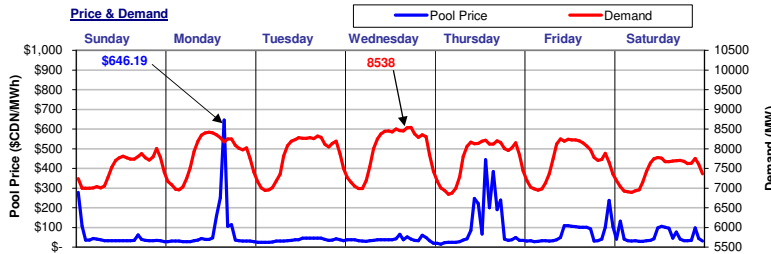


The Market Monitor

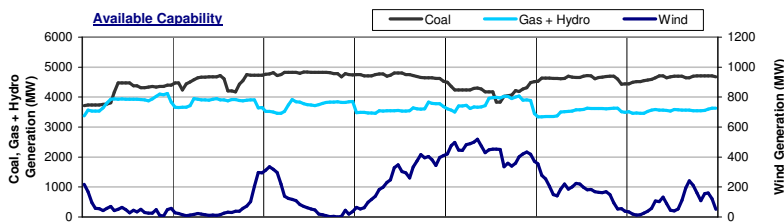
WATCHING THE MARKET : your fact source

Week Ending **May 1, 2010**

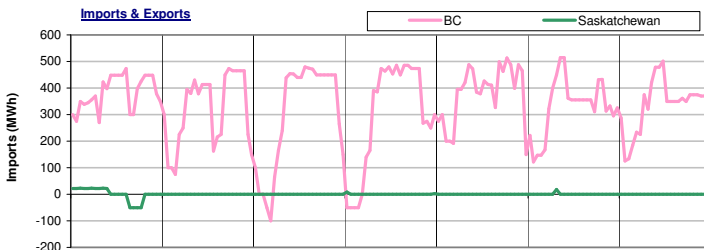
Weekly Highlights



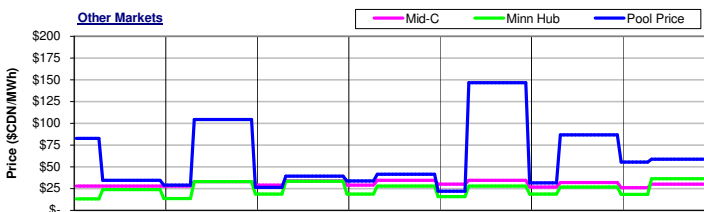
For the week ending **May 1, 2010**, **Pool Price** averaged **\$61.86/MWh** and ranged from a minimum of **\$14.56/MWh** in **HE02** on **Thursday** to a maximum of **\$646.19/MWh** in **HE16** on **Monday**. **Demand** reached a high of **8,538 MW** in **HE18** on **Wednesday** and a low of **6,842 MW** in **HE04** on **Thursday**. Average demand for the week was **7,716 MW**. **Pool Price** and **Demand** were **positively correlated** last week with an R-squared value of **0.06**.



Coal Unit Availability averaged **4530 MW** last week. This is an equivalent availability of **78%**. **Gas, Hydro and Other Unit Availability** averaged **3695 MW** last week, which is an equivalent of **65%**. **Wind Generation** averaged **170 MW** last week. This is an equivalent availability of **27%**. Availability numbers are based on MW offered into the energy merit order.

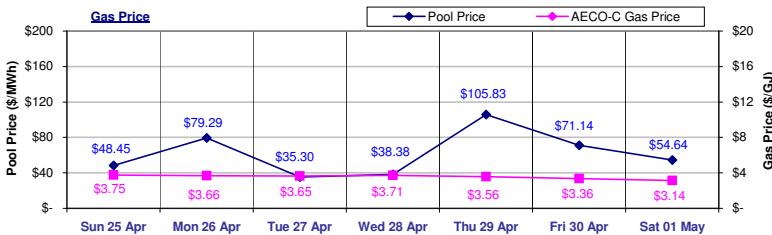


Alberta was a net importer from **BC** last week with total imports equal to **56,420 MWh**. Alberta was a net importer from **Saskatchewan** last week with total imports equal to **52 MWh**. Overall, Alberta **exported 56,472 MWh** of electricity last week.



Pool Prices were generally higher than prices in **Mid-C** and higher than prices in **Minn Hub** last week. **Mid-C** prices averaged **\$33.03/MWh** on-peak and **\$28.21/MWh** off-peak. **Minn Hub** prices averaged **\$30.96/MWh** on-peak and **\$16.77/MWh** off-peak.

Prices in \$CDN at an exchange rate of 0.999.



The average **AECO-C Gas Price** last week was **\$3.55/GJ** and ranged from a minimum of **\$3.14/GJ** to **\$3.75/GJ**. Prevailing gas prices resulted in market heat rates ranging from a low of **9.66 GJ/MWh** to a high of **29.70 GJ/MWh**. The average market heat rate for the week was **17.55 GJ/MWh**.

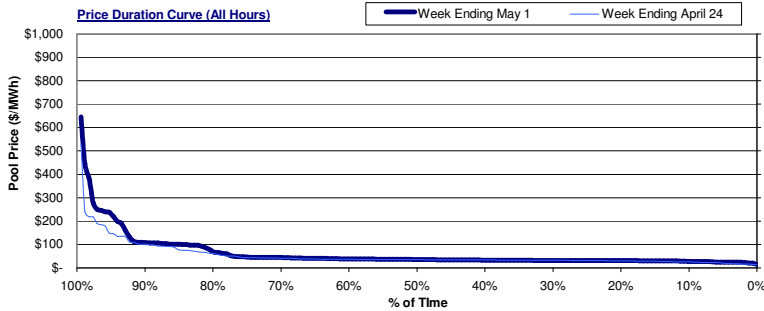


Alberta's Market Surveillance Administrator is in place to monitor the fair, efficient and openly competitive operation of all electricity markets within the province. The **Market Monitor** is a weekly publication by the MSA intended to educate industry participants and the public on market activities for the **previous week**. Any questions regarding the material in this publication should be directed to MSA staff. Our contact information is available on the MSA website: www.albertamsa.ca

Wholesale Market

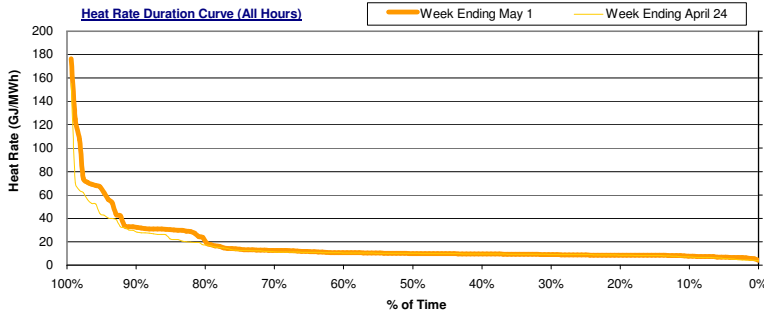
Weekly Market Statistics

	Sunday 25-Apr	Monday 26-Apr	Tuesday 27-Apr	Wednesday 28-Apr	Thursday 29-Apr	Friday 30-Apr	Saturday 1-May	Average	Last Week	% Change	YTD
Pool Price											
Average	\$ 48.45	\$ 79.29	\$ 35.30	\$ 38.38	\$ 105.83	\$ 71.14	\$ 54.64	\$ 61.86	\$ 52.29	18.3%	\$ 43.11
On-Peak	NA	\$ 104.49	\$ 39.45	\$ 41.43	\$ 146.72	\$ 86.63	\$ 58.80	\$ 79.58	\$ 64.47	23.5%	\$ 51.28
Off-Peak	\$ 48.45	\$ 28.89	\$ 27.00	\$ 32.28	\$ 24.06	\$ 40.16	\$ 46.34	\$ 38.23	\$ 36.06	6.0%	\$ 31.07
COV	1.06	1.66	0.22	0.25	1.16	0.70	0.58	0.80	0.74	8.7%	
Heat Rate											
Average	12.92	21.64	9.66	10.34	29.70	21.20	17.38	17.55	15.05	16.6%	9.81
On-Peak	NA	28.51	10.80	11.16	41.18	25.81	18.70	22.69	18.60	22.0%	11.67
Off-Peak	12.92	7.88	7.39	8.70	6.75	11.97	14.74	10.69	10.32	3.6%	7.07
Demand											
Average	7,491	7,843	7,822	7,967	7,742	7,712	7,433	7,716	7,700	0.2%	8,243
Minimum	6,994	6,959	6,941	6,990	6,842	6,947	6,889	6,937	6,841	1.4%	6,706
Maximum	8,008	8,422	8,318	8,538	8,215	8,249	7,777	8,218	8,254	-0.4%	9,806
Coal Unit Availability											
Average	4,165	4,552	4,792	4,709	4,219	4,632	4,639	4,530	4,649		5,225
AC/MC	72%	79%	83%	81%	73%	80%	80%	78%	80%	-1.9%	87%
Gas, Hydro and Other Unit Availability											
Average	3,843	3,838	3,730	3,585	3,802	3,521	3,550	3,695	3,723		3,885
AC/MC	68%	68%	66%	63%	67%	62%	63%	65%	66%	-0.5%	68%



The price duration curves show the % of time that prices were at or below a certain value during the week. For the week ending **May 1**, prices were at or below:

\$20/MWh	1% of the time
\$50/MWh	77% of the time
\$100/MWh	83% of the time
\$250/MWh	97% of the time
\$500/MWh	99% of the time



The heat rate duration curves show the % of time that the implied market heat rate was at or below a certain value during the week. For the week ending **May 1** implied market heat rates were at or below:

5.0 GJ/MWh	1% of the time
10.0 GJ/MWh	51% of the time
15.0 GJ/MWh	78% of the time
20.0 GJ/MWh	80% of the time

Market Share Statistics

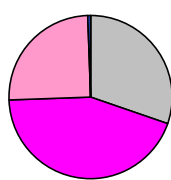
By Fuel Type:

Coal Gas - Cogen Gas - Other Hydro Other

Weekly Generation by Fuel Type

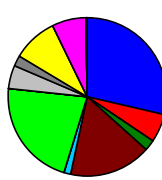


Weekly Price Setting by Fuel Type



By Submitting Customer:

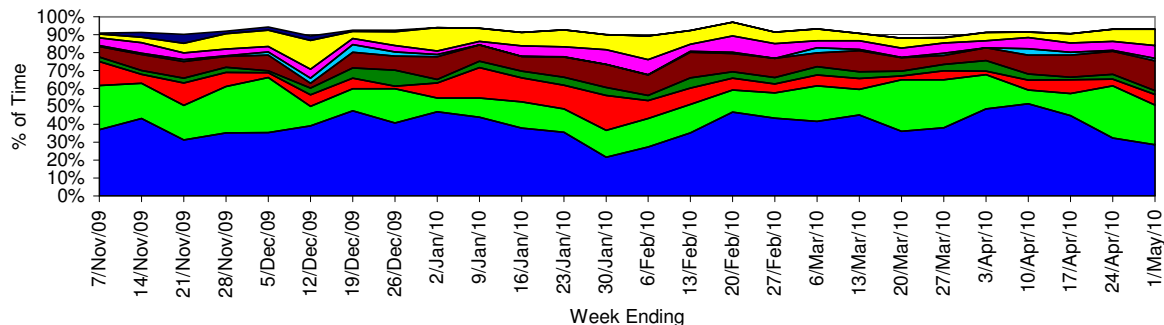
Weekly Price Setting by Submitting Customer



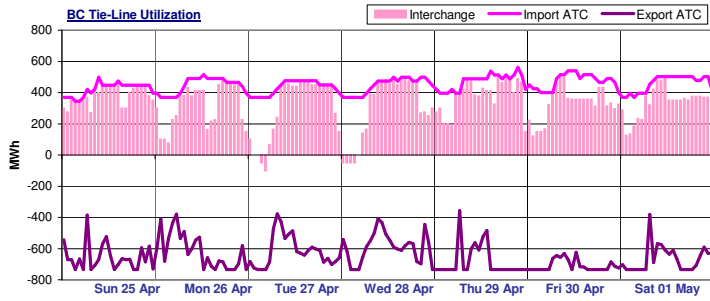
Last week, **coal units** were responsible for **89.3%** of the generation in the province and set price **30.4%** of the time. **Gas-cogen** units accounted for **27.7%** of the generation and set price **44.1%** of the time last week while **other gas** units made up **6.7%** of generation and set price **24.9%** of the time.

A total of **12** market participants set price last week. **Two** market participants set price more than **20%** of the time last week. The top price setter set price **28.6%** of the time and the top five price setters set price a total of **83.5%** of the time.

Weekly Price Setting by Submitting Customer

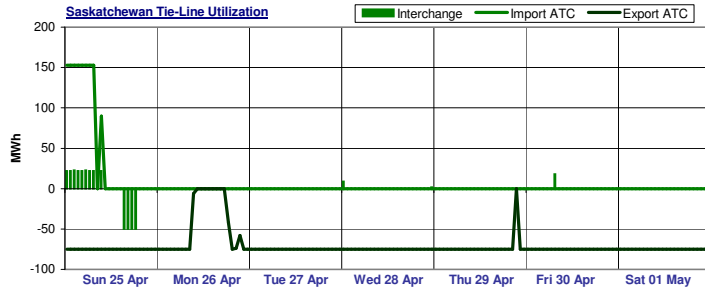


Interties

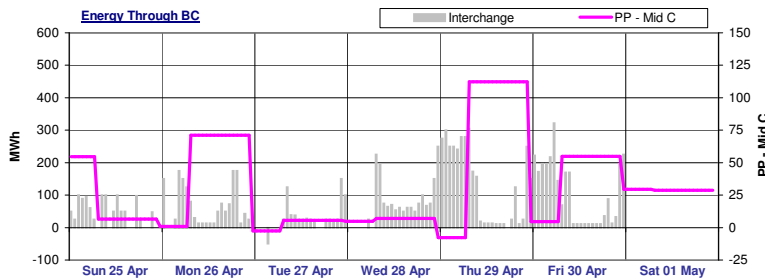


BC import capacity was 74% utilized last week while BC export capacity was 1% utilized. Energy was being imported into Alberta over the BC tie-line 95% of the time and exported out of Alberta over the BC tie-line 4% of the time last week. There was no activity on the BC tie-line 2% of the time last week.

Note: External reserve contract volumes have been subtracted from the BC import ATC as this capacity is not available to import energy into Alberta.



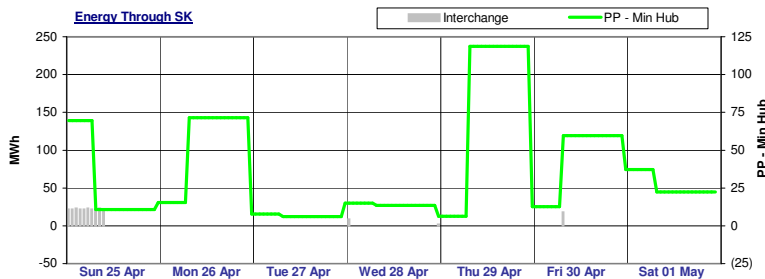
Saskatchewan import capacity was 16% utilized last week while Saskatchewan export capacity was 2% utilized. Energy was being imported into Alberta over the Saskatchewan tie-line 8% of the time and exported out of Alberta over the Saskatchewan tie-line 2% of the time last week. There was no activity on the Saskatchewan tie-line 90% of the time last week.



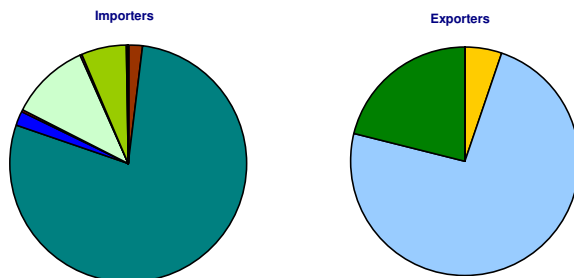
Last week, Alberta spot prices were mostly higher relative to prices in the Pacific Northwest as represented by Mid-C index prices.

Alberta prices were generally higher than prices in MISO as represented by spot prices at the Minnesota Hub.

Note: Platt's day-ahead strip prices used in energy through BC and SK graphs.



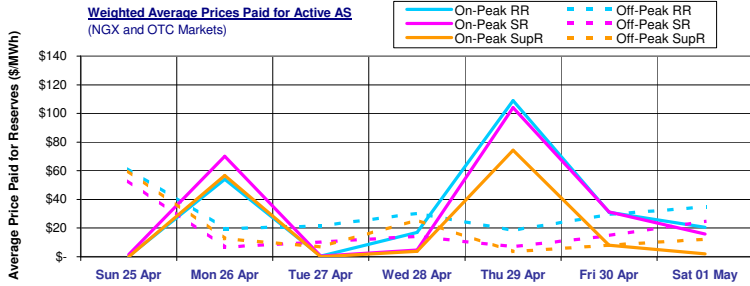
Tie-Line Market Shares



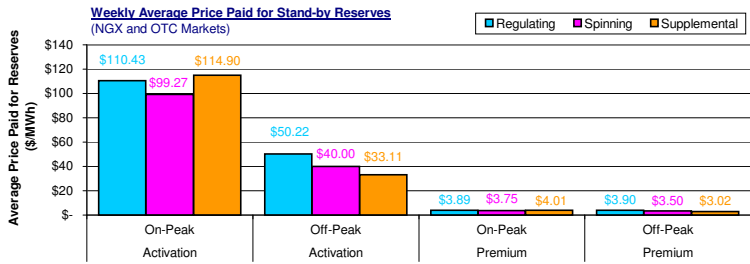
Last week, there were a total of 8 importers. The most active importer had a market share of 78.3% while the second most active importer had a market share of 10.7%. There were a total of 3 exporters last week. The most active exporter had a market share of 73.7% while the next largest exporter had a market share of 21.1%.

Note: Market shares are based on the combined activity on both interties.

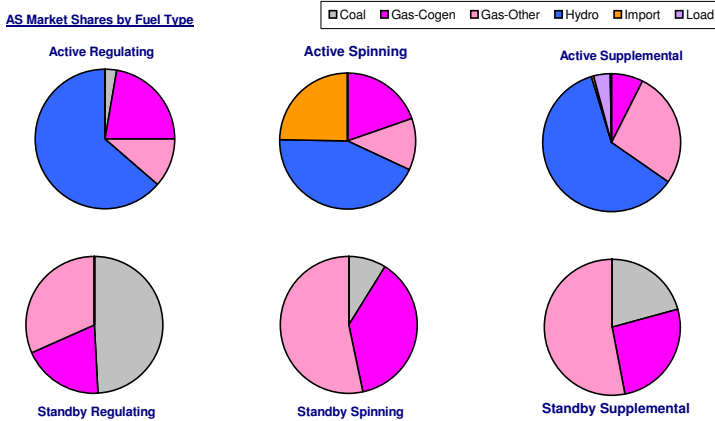
Ancillary Services Market



Average on-peak prices paid for active ancillary services last week were **\$33.21/MWh**, **\$32.92/MWh** and **\$21.02/MWh** respectively for active **regulating**, **spinning** and **supplemental** reserves.
Active average off-peak prices were **lower** and averaged **\$30.02/MWh**, **\$18.65/MWh** and **\$18.43/MWh** for active **regulating**, **spinning** and **supplemental** reserves respectively.



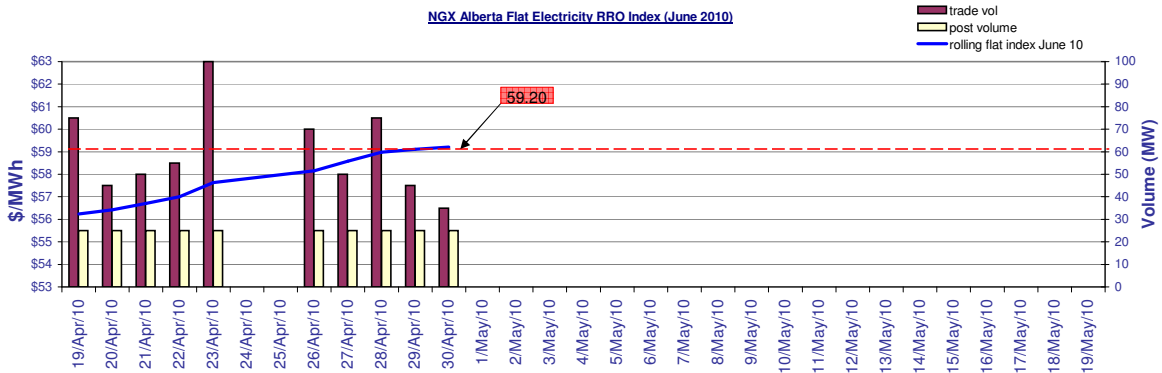
Weekly average activation prices for stand-by reserves ranged from **\$33.11/MWh** for **off-peak supplemental** reserves to **\$114.90/MWh** for **on-peak supplemental** reserves.
Weekly average premium prices ranged from **\$3.02/MWh** for **off-peak supplemental** reserves up to **\$4.01/MWh** for **off-peak supplemental** reserves.



Last week **hydro** units had the largest market share in the **active regulating** reserve market with **63.5%**. In the **active spinning** reserve market, **hydro** units had the leading market share with **43.4%** while in the **active supplemental** reserve market, **hydro** units dominated with a **60.3%** market share.

Coal units dominated the **standby regulating** reserve market with a **49.1%** market share. Leading market share in the **standby spinning** market was held by **gas** units with a **53.3%** market share. In the **standby supplemental** reserve market, **gas** units had the leading market share with **53.1%**.

RRO Procurement



Glossary

- On-Peak Hours**
In Alberta: HE08 through HE23, Monday through Saturday (prevailing Mountain time)
In Mid-C: HE07 through HE22, Monday through Saturday (prevailing Pacific time)
In Minn Hub: HE08 through HE23, Monday through Sunday (prevailing Central time)
- Off-Peak Hours**
In Alberta: HE01 through HE07 + HE24 (of the same day), Monday through Saturday + HE01 through HE24 Sundays (prevailing Mountain time)
In Mid-C: HE24 (of the previous day) through HE07 (of the day in question), Monday through Saturday + HE01 through HE24 Sundays + holidays (prevailing Pacific time)
In Minn Hub: HE24 (of the previous day) through HE07 (of the day in question), Monday through Sunday (prevailing Central time)
- ATC**
A measure of the maximum energy flow possible in one direction across an intertie.
- Market Heat Rate**
The prevailing Pool price divided by the prevailing gas price.
- Sparks spread**
Sparks spreads give an indication of the revenue available to cover costs after fuel costs have been paid. A positive spread indicates it is more economical to buy gas and generate electricity while a negative spread indicates it is more economical to buy electricity from the grid.